RICHARD A. NELSON, M.D.

6602 South Frontage Road P.O. Box 80174 Billings, Montana 59108-0174 Ph (406) 656-7416

Diplomat American Board of Neurology and Psychiatry

August 8, 2001

Kimberly Topper Food and Drug Administration, CDER 5600 Fishers Lane Rockville, MD 20857

Dear Miss Topper,

This is a comment regarding the use of opiods and other pain medications for chronic pain as well as acute pain in varying physical conditions. It appears that one needs to recognize that the increasing incidence to addition to the opiate analgesics is not something that is a bi-product of the substance itself but instead is the personality and addiction capacities of the individual utilizing any medication or substance. This is true whether they get the substance legally or illegally.

Let it be understood that when a patient comes to see a physician that the patient is already an addict from the point of view of their capacities to utilize medication in this way. A very large study was done and published in Scientific American a number of years ago on 17,000+ patient's who were receiving pain medications for pain. It was found that only two people out of the entire 17,000 population who developed addiction. When it was studies further it was found that these two people were already addicts in the first place. I think that you need to recognize that the personality is the cause of addiction, not the medication itself.

It is very much the same as the gun controversy saying that the gun is responsible for killing people, when in fact it is the person handling the gun that causes the death. It would be a crime in my view to take away the ability to remove pain from people who have chronic pain. It is worth understanding that chronic pain is now considered to be, in circles that are advanced in the studies of pain syndromes, a stressor. The brain and mind considers this to be the case. The brain will then produce an excess level of adrenaline, insulin and cortisone and this activates the immune system. The three substances just mentioned can cause hypertension. The cortisone will cause brain damage in the sense that it reduces your functions in terms of memory, concentration and attention. The insulin in excess will cause damage to the endothelial linings of the cells and will alter the blood glucose metabolism markedly so.

Consequently, chronic pain should be considered a disease state associated with the productions of these hormones. The necessity of reducing this is immediate and cannot be pushed off as

(Continued on Page 2)

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being something that is due to the idiosyncrasies of a given individual and their reaction. From the point of view of the dangerousness of the opiates and their effect on people and the incidence of death associated with illegal use of the drug or improper use of the drug, I heard a recent report touting that there are 120 deaths due to the Oxycontin intravenous uses and abnormal uses of the medication. Let us compare that to the use of the non-steroidal anti-inflammatories. There have been about 14,500 deaths and 144,000 hospital admissions because of acute rupture of perforated ulcers. It one is to modify and stop the usage of opiods for pain then one ought to stop the use of the non-steroidal anti-inflammatories as well. Sincerely,

Richard A. Nelsonika RICHARD A. NELSON, M.D. RAN/drr

Food and Drug Administration

Name of Committee: Anesthetic and Life Support Drugs Advisory Committee.

Date and Time: The meeting will be held on September 13 & 14, 2001, 8 a.m. to 5 p.m.

Location: University of Maryland, Shady Grove Campus, Multi Purpose Room, Building 9630,

Agenda: On both days the committee will discuss the medical use of opiate analgesics in various patient populations, including pediatric patients and patients with chronic pain of nonmalignant etiology, as well as the risk to benefit ratio of extending opiate treatment into these populations. It will also address concerns regarding the abuse potential, diversion and increasing incidence of addiction to opiate analgesics, especially to the modified release opiate analgesics.

<u>Public Participation</u>: The entire meeting is open and the public is invited to attend without preregistration. In addition, a portion of the meeting, the open-public hearing, is set aside so that the public may present relevant views to the committee. This portion of the meeting will be held from approximately 1 p.m. to 2 p.m. each day.

IF YOU WISH TO SPEAK AT THE OPEN PUBLIC HEARING

Please submit a statement of your position and how we might contact you before the meeting please e-mail the statement to topperk@ cder.fda.gov or fax the statement to (301) 827-6801. The statements must be received by August 17, 2001. Please limit your presentation to 3 minutes. Any statements received after the deadline will be posted to the docket but will not be sent to the committee nor will you be scheduled time to speak. FDA DOES NOT pay for Open

IF YOU WISH TO SEND A STATEMENT FOR THE RECORD

All the letters already received will be posted under docket number 01N-0256. If you wish to

http://www.accessdata.fda.gov/scripts/oc/dockets/edockethome.cfm select "Submit electronic Letters/statements may be mailed to: Kimberly Topper

Food and Drug Administration, CDER,

Advisors and Consultants Staff, HFD-21

5600 Fishers Lane,

Rockville Maryland 20857

Due to the overwhelming interest in this meeting and time constraints - no statements will be read into the transcript by FDA staff. All statements received before the August 17th deadline

FINDING INFORMATION ABOUT THE MEETING ON THE WEB

Because this meeting is not aimed at a single specific drug but to discuss the class of opiate analgesic drugs the background information will be posted shortly after it is sent out to the members. All the information that is available for this meeting will be posted on the FDA web site at: http://www.fda.gov/ohrms/dockets/ac/acmenu.htm (Click on the year 2001 and scroll down to Anesthetic and Life Support Drugs meetings.) This is the same web site where you can find the minutes, transcript, and slides from the meeting. This material is generally

*80 mg and 160 mg for use in opiaid-tolerant patients only

0100367-811

OxyContiln is an opioid agenist and a Schedule II controlled substance with an abuse liability liar to morphine.

nar un morphine.

Orycodone can be abused in a manner similar to oths: opioid appoints, logal or illicit. This should be considered when prescribing or dispersing OsyContin in situations where the physician or planmacist is concerned about an increased risk of missies, abuse, or diversity.

OryContin Tablets are a controlled-release and formulation of oxycodone hydrochloride indicated for the management of moderate to asserter pain when a continuous, around-the-clock analgesic is needed for an extended period of time.

OnlyContin Tablets are MT intended to success the properties of the properties of

OxyConlin 19blets are NOT intended for use as a prn analgesic.

OxyConlin 80 mg and 160 mg Tablets ARE FOR INSE IN OPIDID TOLERANT PATIENTS ONLY. Those lablet strengths may cause fatal respiratory depression when administered to patients not previously

OxyContin* (oxycodone hydrochloride controlled-release) TABLETS ARE TO BE SWALLOWED WHOLE AND ARE NOT TO BE BROKEN, CHEWED, OR CRUSHED. TAKING BROKEN, CHEWED, OR CRUSHED OXYCOMUM TABLETS LEADS TO RAPID RELEASE AND ABSORPTION OF A POTENTIALLY FATAL DOSE OF OXYCODONE.

DESCRIPTION

DESCRIPTION

Op/Contin* (Cocycodone hydrochloride controlled-relea.e) Tablets are an opicid analgesic supplied in 10 mg, 20 mg, 40 mg, 80 mg, and 160 mg lablet strengths for oral administration. The Tablet strengths describe the amount of psycodone per tablet as the hydrochloride sall. The structural formula for oxycodone hydrochloride.

C18H21NO4+HCI

MW 351.83

ical formula is 4, 5-epoxy-14-hydroxy-3-methoxy-17-methylmorphinan-6-one hydrochloride

Oxycodone is a white, odorless crystalline powder derived from the opium alkaloid, thebaine, Oxycod

Osycotione is a white offers or self-allier powder derived from the option alkaloris thebaine. Osycodone hydrocholoris desione in valer (1 g in 6 D m. ht.) is slightly soluble in slotchio (tocharol water partition coef-licient 0.7). The tablets contain the following inactive ingredients; ammonio methacitytale copylime; hydrocyproxyl methyticellulose, bucker, insupression sterate, powdore, red inon noide (20 mg steright tablet only), sterayl action, 1.6, instainut diorder this reaction; leption wor, code (44 ng system) tablet only), and other reconstructive.

CLINICAL PHARMACOLOGY

CLINICAL PHARMACOLOGY

Onycodone is pure agoinst opnoid whose principal therapeutic action is analysis. Other members of the class known as obtain agonists include substances such as morphine, hydromorphone, lentanyl, codeine, and hydrocodone Pharmacological effects of opioid agonists include surphine, septimist, lectings of relaxation, respiratory depression, constitution, moists and cought superssion as vette as analysis, Like all pure opioid agonists analysis, with increasing doses there is increasing analysis, unlike with mixed agonist/anagonists on non-opioid analysis, where there is a limit to the analysis effective with increasing doses with opioid-agonist analysis. Where the limit is a limit to the analysis effectiveness is imposed only by side effects, the more serious of which may include sommolence and respiratory depression.

Central Nervous System The precise mechanism of the analycesic action is unknown. However, specific CNS onight recentors to endogenous compounds with opigid-like activity have been identified throughout the train and spinal cord and play a role in the analogue effects of this drug

unity are unit or analysis created in its unit; Oncyclohor produces respiratory depression by direct actic i on brain stem respiratory centers. The respiratory of depression involves both a reduction in the responsiveness of the brain siem respiratory centers to increas-es in carbon dioxide tension and to electrical stimulation.

Oxycodone depresses the cough reflex by direct effect on the cough center in the medulia. Antitussive effects may occur with doses lower than those usually required for analysis.

hery occur amiliouses men internate cases by required or a leaguest.

Occordone causes mosts, even in talk defenses: Proporting upuls are a sign of opioid overdose but are not pathog-nomonic (e.g., pontine lessors of hemorrhage or schemic origin may produce similar lindings). Marked mydi-assi rather than mosts may be seen with propria or the schildy of OnyContin overdose (See OVERDOSAGE).

Gastrointestinal Tract and Other Smooth Muscle

Oxycodone causes a reduction in motifity associated with an increase in smooth muscle lone in the antrum of he storech and duodenum. Digestion of Bood in the small artestine is delayed in appropriate contraction decreased. Proudstwe perisability waves in the colon are decreased, while one may be increased to the joint passant exiting unconstitution. Other opioid-induced effects may include a reduction in gastric, billiary participate corrections, spasm of sphinder of Didds, and transtent elevations in securi armitises.

Cardiovaacular System
Oycodone may produce release of histamine with or without associated peripheral vasodilation. Manifestations of histamine release and/or peripheral vasodilation may include prunitus, flushing, red eyes, sweating, ant/or histamine release and/or peripheral vasodilation may include prunitus. orthostatic hypotens

Concentration — Efficacy Relationships

Concentration — Efficacy Relationships

Studies in marial howletes and pulsaries reveal predictable relationships hetwien oxycurtione fossige and plasma oxycurtione fossige and plasma oxycurtione concentrations, as well as between concentration and retain respected opinior effects, such as pupilitary constitution, selation, overell froug effect, analyses and reletings of interaction.

As with all opiniots, the minimum effective plasma concentration not analyses with vary wirely among patients seeps and perfect perfects with potential productions of patients with however provisory letted with potent appoints opiniots. As a result, patients must be treated with potent appoints opiniots and patient produced concentration of oxycodone for any individual patient may increase over time due to an increase in pain, the development of a new pain syndrome and/or the development of analgesic tolerance.

--- Adverse Experience Relationship

Concernation—Anterest experience neralizonship

OxyConin Tablets as associated with typical opioid-rolated adverse experiences. There is a general relationship between nonzeising oxycodore plasma concentration and increasing teogency of dose-related quoried selvess
experiences such as naisea, vormiting. CNS effects, and respiratory depression. In opioid tolerant patients, the
situation is affected by the development of lioherance to opioid related side effects, and the relationship is not clinically relevant

As with all opioids, the dose must be individualized (see DOSAGE AND ADMINISTRATION), because the effect tive analgesic dose for some patients will be loo high to be tolerated by other patients

PHARMACOKINETICS AND METAROLISM

The activity of DryConium* (acycodone hydrochloride controlled-refease) Tablets is primarily due to the parent drug oxycodone. DryConium Tablets are designed to provide control ed delivery of oxycodone over 12 hours. Breaking, chewing or crushing DryContin Tablets eliminates this controlled delivery mechanism and results in the rapid refease and absorption of a proteintally falsi does of oxycodone.

the rapid release and absorption of a potentially fail does of oxycordone. Oxycordone release from Oxycordin foliables is pil independent. Oxyrodone is well absorbed from OxyCordin failables with an oral bioxyraliability of 60% to 87%. The relative oral bioxyraliability of OxyCordin to simmediate release or all dissage forms is 100%. Upon repealed dissign in norma voluntiese is in pharmacolisine ficially dissistent of the same achieved within 2.4 of fours. Does proportionally and/or bioxyraliability fairs been established for the 10 mg. 20 mg. 40 mg. 80 mg. and 160 mg label steenly-to for both peap labeans levels (Grapa) and called of absorption (AUC). Opecadone is extensively intelled internation half-lied of oxycodone (Grapa) and administration of OxyCordin was 4.5 hours compared to 3.2 hours for immediate release prycordine administration of OxyCordin was 4.5 hours compared to 3.2 hours for immediate release prycordine.

Absorption

Absorp

Plasma Drycodone by 1 min of the property of t

dosing with DoyContin lablets. In a study comparing 10 mg ol DvyContin every 12 hours to 5 mg of immediae-refease orycodone every 6 hours, the two treatments were found to be equivalent for AUC and C_{mgs}, and similar for C_{mm} (though) concentrations. There was less fluctuation in plasma concentrations for the OxyContin Tablets than



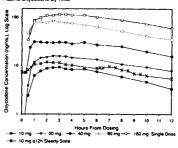


Table 1 Mean [% coefficient variation]

AUC (ng+hr/mL)(C _{max} (ng/mL)	men (hrs)	Conc. (ng/mL)
100 7 (26.6)	10.6 (20.1)	271441i	n.a.
207.5 (35.9)	21.4 (36.6)	3.2 (57.9)	n.a.
423.1 (33.3)	39.3 [34.0]	3.1 [77.4]	n.a.
1085.5 [42.3]	98.5 (32.1)	2.1 [52.3]	n.a.
103 6 [38.6]	15.1 [31.0]	3.2 (69.5)	7.2 (48.1)
99.0 (36.2)	15.5 [28.8]	1.6 [49.7]	7.4 [50.9]
	(og * h/mL)] 100.7 [26.6] 207.5 [35.9] 423.1 [33.3] 1085.5 [12.3] 103.6 [38.6]	100.7 [26.6] 10.6 [20.1] 207.5 [35.9] 21.4 [36.6] 422.1 [33.3] 39.3 [34.6] 1085.5 [-2.3] 98.5 [32.1] 103.6 [38.6] 15.1 [31.0]	100.7 26.6 10.6 20.1 2.7 44.1 207.5 35.9 21.4 36.6 3.2 37.7 42.1 108.5 23.2 39.3 34.0 3.1 77.4 1085.5 2.2 39.5 32.1 2.3 39.3 34.0 3.1 77.4 108.5 7.2 39.5 32.1 32.3 33.3 34.0 3.1 77.4 34.1 34

Table 2

Regimen/ Dosage Form	ALIC_ (ng+hr/mL))	C _{max} (ng/mL)	(firs)	Canc. (ng/mi.)
Single Dosc				
4x40 my OxyContin*	1935.3 [34.7]	152.0 (28.9)	2.56 [42.3]	n.a.
2x80 mg OxyContin*	1859.3 (30.1)	153.4 [25.1]	2.78 (69.3)	na
1x160 mg OxyConten*	1856.4 [30.5]	156.4 [24.8]	2.54 [36.4]	0.2.

"data obtained while volunteers received nattrexone which can enhance ab

OxyContin IS NOT INDICATED FOR RECTAL ADMINISTRATION. Data from a study inv teers show that OxyConlin Tablets administered per rectum resulted in an AUC 39% greater and a C_{1704X} 9% higher than tablets administered by mouth. Therefore, there is an increased risk of adverse events with rectal administration Food Effects

Food has no significant effect on the extent of absorption of oxycodone from OxyContin. However, the peak plasms concentration of oxycodone increased by 25% when OxyContin 160 mg Tablet was administered with a high-fall meat

Distribution for interviews administration, the volume of distribution (Vss.) for caycodone was 2.6 L/vg. Oxycodone band ing to plasma protein at 37°C and a pH of 7.4 was about 45%. Once absorbed, oxycodone is distributed to steletal muscle, lives, intestinal tract, lungs, spleon, and brain. Oxycodone has been found in broast milk (see PRECAUTIONS) Metabolism

Metabolism
Ocycother hydrochloride is ceterosvely metabolized to nonoxpodone, oxymorphone, and their glucuronides. The major circulating metabolise is nonoxpodone with an AUC ratio of 0.5 relative to that of oxypodone. Monoxpodone is report of to be a conciderably weaker analgesic than oxypodone. Oxymorphone, although possessing analgesic activity, is present in the pleame only in low concentrations. The correlation between oxymorphone concentrations and opcode effects was much less than that seen with exycothore plasma concentrations. The analgesic activity profile of other metabolities is not homo. The formation of oxymorphone to him oroxposcodone is mediated by profilem of the metabolities is not known. The formation of oxymorphone to him oroxposcodone is mediated by profilem of the metabolities is not in more than one oxymorphone. The originations is mediated by profilem of the metabolities in our is mediated by profilem of the metabolities. Excretion

Oxyrodone and its metabolites are excreted primarily via the kidney. The amounts measured in the unit reported as follows: tree oxyrodone up to 19%; conjugated oxyrodone up to 50%; the oxyrmorphone 0 to disymorphone 5 14%, both five a bring to produce the oxyrodone have been found in the unite but not qui total plasma clearace was 0 8 Umin for adults.

Elderly

The plasma concentrations of oxycortone are only nominally affected by age, being 15% greater in elderly as compared to young subjects.

subjects have on average, plasma oxycodone concentrations up to 25% higher than males on a body weight led basis. The reason for this difference is unknown.

nal Impairment

Data from a phyroscokinetic study involvion 13 gatients with mild to severe renal dystunction (co < 60 mi./hhm) show yeak plasma oxycodone and noroxycodone concentrations 50% and 20% higher respectively and AUC values for psycodorie, noroxycodone, and psymorphone 60%, 50%, and 40% higher than normal subjects respectively. This is accompanied by an increase in sedation but not by differences in respiratory rate, pupillary con striction, or several other measures of drug effect. There was an increase in 1½ of elimination to 1 hour (see PRECAUTIONS).

negator impairment.

Blast from a skudy morbining 24 patients with mild to moderate hepatic dysfunction show peak plasma oxycodore and notoxycotorie concentrations 50% and 20% higher, especifiedy, than normal subjects AUC values are 55% and 65% indigen, respectively, than normal subjects AUC values are 55% and 65% of this plane, oxycorizing and AUC values are benear to 50% and 40%. These offlerences are accomparised by increases in some, but not other, drug effects. The 11/2 elimination for oxycodoriz ed by 2.3 hours (see PRECAUTIONS)

increasor by 2.3 hours (see PRECAUTIONS)

Drug-Drug Infersiones (see PRECAUTIONS)

Drycodorie is metaholized in part by cylochrome P450 2/06 to drymorphone which represents less than 15% of the total administered force. This route of elimination may be bifocked by a variety of drugs (e.g., certain cardioviscustic may sincularing amoratorae and rusorine as well as polycinic anti-depressably, However, in a study involving 10 subjects using quanidine, a brown shiribitor of cylochrome P450 2/16, the pharmacodynamic effects of orgodone

Prammacompanies
A single-dose, double-blind, placebo- and dose-controlled sludy was conducted using On/Contin (10, 20, and 30 mg) in an analysisc pain model involving 182 patients with moderate to severe pain. Nerthy and 30 mg of On/Contin were superior in reducing pain compared with placebo, and this difference was statistically significant. The onset of analysisc action with On/Contin occurred within 1 hour in most patients following oral administration.

CLINICAL TRIALS

A double-bind placebo-controlled, fixed-riose, parallel group, two-week sludy was conducted in 133 patients with chronic, moderate to severe pain, who were judged as having inadequate pain control with their current therapy, in this sludy, 20 mg DayComin q 12th but not 10 mg OnyContin q 12th decreased pain compared with placebo, and this difference was situatically significant.

INDICATIONS AND USAGE

yContin Tablets are a controlled-release eral formulation of exycodone hydrochloride indicated for the ma and of moderate to severe pain when a continuous, around-the-clock analgesic is needed for an extended

ortime. OxyContin is **NOT** intended for use as a prir analgesic.

Conclusion is that immension to use as a junt analysis. Initiality through all the appropriate point along a progression from non-upond analysises, such as non-storoidal anti-inflammatory drugs and acottaminophen to opendos in a plan of pain management acuta is outlined by the World Hearth Organization. He Appency for Health Research and Osasky (tomorby known as the Agency for Health Care Policy and Research), the Federation of State Medical Boasts Model Guidelines, or the American Paris Society.

DepContin is not indicated for gain in the immediate postoperative period (the list) 12-24 hours following surgery) or if the pain is nick or not cerected to persolal for an estended ground of lime. DoyContin is only instituted for postoperative use if the patient is already receiving the drug prior to surgery or if the postoperative pain is

expected to be moderate to severe and possist for an extended period of time. Physicians should individualize treatment, moving from parenteral to oral analgesics as appropriate. (See American Pain Society guidelines.)

CONTRAINDICATIONS

On/Contin is contraindicated in patients with known hypersensitivity to oxycodone, or in any situation whose opicities are contraindicated. This includes takents with significant respiratory repression (in unmonitored settings or the absence of insectables exignment, and patients with autalier serves high data think or hypercarbia. On/Contin is contraindicated in any patient who has or its suspected of having paralytic cleus.

ON/COMITY. (INTRODUCED INSTRUCTION OF CHILDREN) TABLETS ARE TO BE SWALLOWED WHOLE, AND ARE NOT TO BE BROKEN, CHEWED OR CRUSHED TRUGHED BROKEN, CHEWED OR CRUSHED ON/COMITY OF CHILDREN OF COMITY OF CHILDREN OF CHILDREN

OxyContin 80 mg and 160 mg Tablets ARE FOR USE IN OPIOID-TOLERANT PATIENTS ONLY. These tablet strengths may cause fatal respiratory depression when administered to patients not previously exposed

to epoids.

OxyContin 80 mg and 160 mg Tablets are for use only in opioid tolerant patients requiring daily oxyCodone acquirated desapes of 160 mg or more for the 80 mg tablet and 320 mg or more for the 160 mg tablet. Care should be taken in the prescribing of these tablet strengths. Patients should be instructed against set by Individuals other than the patient for whom it was prescribed, as such inappropriate use may have severe modical consequences, including death.

Misuse, Abuse and Diversion of Opioids

Oxycodone is an opioid agonist of the morphine type. Such drugs are sought by drug abusers and people with addic-tion disorders and are subject to criminal diversion.

Oxycodone can be abused in a manner similar to other opicid agonists, legal or illicit. This should be considered wi prescribing or dispensing OxyContin in situations where the physician or pharmacist is concerned about an increase

One Office and seems of the control of the control

In Ordinose au use in sec immense au un monte manuschine.

Canceins abund abus, addiction, and diversion should not prevent the proper management of pain. The development of addiction to opinid analyses(s in proporty managed patients with gain has been reported to be rare. However, data are not available to establish the true incidence of addiction in chronic pain patients.

Healthcare professionals should contact their State Professional Licensing Board, or State Controlled Substances Authority

Interactions with Alcohol and Drugs of Abuse

Oxycodone may be expected to have additive effects when used in conjunction with alcohol, other opioids, or illicit
drugs that cause central nervous system depression.

ORUG ABUSE AND ADDICTION

OxyContin is a mu-agonist opioid with an abuse Hability similar to morphine and is a Sc

subject to criminal diversion

subject to criminal diversion.

Drug addiction is characterized by compulsive use, use for non-medical purposes, and continued use despite harm or risk of larm. Thrug addiction is a treatable disease, utilizing a mutil-disciplinary approach, but relaigue is common.

Drug-seeling' behavior is very common in addicts and drug abuses. Drug-seeling behavior is notice emergency calls or vivisto met the off of office hours. Intelled to undergo approache examination testing or reterral, repeated "test" of prescriptions. Empering with prescriptions and refluctance to provide prior medical records or contact information for other treating uphystical(s). "Doctor shopping to obtain addictional prescriptions is common among drug abuses and people suffering from unitested addiction.

Assess and addiction are separate and distinct from physical dependence and behavior. Physicians should be aware that addiction are not the accommonance for concerned between conference of character dependence and all contractions.

that addiction may not be accompanied by concurrent tolerance and symptoms of physical dependence in all addicts. In addition, abuse of opioids can occur in the absence of true addiction and is characterized by misuse for non-medical purposes, often in combination with other psychoactive substances. OxyContin. like other been diverted for non-medical use. Careful record-keeping of prescribing information

Proper assessment of the patient, proper prescribing practices, periodic re-evaluation of therapy, and proper dispensing and storage are appropriate measures that help to limit abuse of opioid drugs.

OnyCondia consists of a dual-polymer matic, intended for oral use only, Abuse of the crushed tablet poses as a hazard of eventoes and death. This risk is increased with concurrent abuse of alcohol and other substances. With parenteral abuse, the tablet excipients, especially tale, can be expected to result in local tissue necrests, intection, pulmonary granulomas, and increased risk of endocarditis and vahular heart injury. Parenteral drug abuse is commonly associated with transmission of infectious diseases such as hepatilits and HVV.

Impaires and the Respiratory Depression
Respiratory Depression
Respiratory Depression is the chief lazard from oxycodore, the active ingredient in DayContin, as with all opioid agomiss Respiratory Depression is a particular problem in efferty or debilidated patients, usually following large initial
doses in non-tolerant patients, or when opioids are given in conjunction with other agents that depress respiration.

Oxycotone should be used with editeme caulition in patients with significant chronic obstructive purmonary disease or cor pulmonate, and in patients having a substantially decreased respiratory reserve, hypoxia, hypoxia proper existing respiratory depression, in such putients, even usual fineapositic doses of oxycotone may decrease respira-tory where to the port of panear. In these patients alternative non-opioid analysis should be considered, and opi-oids should be employed only under careful medical supervision at the lowest effective dose.

oils should be multi-pround in back seed mount appearance and mode retention and secondary elevation of one head night?

The respiratory depressant effects of opinions include carbon donde retention and secondary elevation of one too opinion flood pressure, and may the markedly exappeated in the presence of head injury, intracranial lessors, or other sources of the resting increased mineracranial pressure. Dispractione produces effects on pupiliary response and con-sciousness which may obscure reunologic signs of Arther increases in intracranial pressure in patients with head equires. Hypotensive Effect

reproductive treet.

One Continuing cause severe hypotension. There is an added risk to individuals whose ability to maintain blood pressure has been compounised by a depleted shood volume, or after conquired administration with drugs such as phenibilities or or divide agents which comproses viscontrol tion. Opposition may produce introductive produce introduction produces of the confidence of the control of

PRECAUTIONS

Oxidit analysis bave a narrow therapeutic index in certain patient populations, especially when combined with CNS, depressant druys, and should be reserved for cases where the benefits of opioid analysis outweigh the known risks of respiratory depression, aftered mental state, and postural hypotension

Use of DxyContin is associated with increased potential risks and should be used only with caution in the follo n objection in a saccessful minuteasce procession inside and solution to task only with callion in the bullowing from sacute alcoholism, ademocratic insulliciency (e.g., Addison's disease). CNS depression or coma, defi-emens, debilitated patients, hyphoscoloosis associated with respiratory depression, myweden or hypothyroidism, tilic hypothophy or unethral stricture, severe impairment of hepatic, pudmonary or renal function, and towo psy-

The administration of exveodone may obscure the diagnosis or clinical course in patients with acute abdominal con

sugmaries sources in some clinical settings. Interractions with other CNS Depressants Op/Contin should be used with cartion and started in a reduced dusage (1/3 to 1/2 of the usual dosage) in patients who are concurrently receiving other central invisions system dispersais including setalities on hyporics, general assertates, periodiances often transportes, and action literactive decides seating in estipating depression, hypoten-sion, produced setation, or come may result if these rings are taken in combination with the usual doses of OpyContin, Interractions with Mixed Appentits/Anaponet Opied Anaponetic Continual Anaponetics.

Application adaptions analogists, the Controlled in Anabushine at out outprished sound estiminished with most to a patient who has recoved on a receiving a course of heading with a pure opioid agonist analogists such as on-codone is this situation mixed agonist/analogonist analogists may reduce the analogists effect of orycodone anafor may precipitate withdrawal symptoms in these patients.

Ambulatory Surgery and Postoperative Use

ive analgesia (administration pre-operatively for the manage

on pursupersave pane).

OnyCorolin is net indicated for pain in the immediate postoperative period (the first 12 to 24 hours foliously taking the drug, because its safety in this setting has not been elisthed.

matter. OxyContin is not indicated for pain in the postoperative period if the pain is mild or not expected to per-sist for an extended period of lime.

-an extensed person of time. Init is only indicated for pestoperative use if the patient is already receiving the drug prior to surpery e postoperative pain its expected to be moderate to severe and pecials for an extended period of Physicians should individualize treatment, moving from parenteral to oral analgesics as appropri-

line. Physicians should inhibitualitis Insahmed, moving from parenteral to oral analgesics as appropriate (See Annetice Pain Society audicities).

Palients who are already receiving DryContin Tablets as part of origing analgesic therapy may be safely contin on the drug if appropriate fissage arigination that the analge containing the procedure, other other given and mit the prograd changes in physiology caused by the surgical intervention (see DBSAGE AND ADMINISTRATION).

DryContin and other morphine-like opioids have been shown to decrease bowld motify liters is a common prograde complication, especially after interaction and other morphine abothermial support play topoid analgesic. Caudion should be been interested to the correction of the decreased bowld motifying in postoportaline patients incerving opioids. Sandard supportive therapy should

Tuge in Pancreatic/Billiary Tract Disease
Oxycodone may cause sparm of the sphincter of Oddi and should be used with caution in patients with billiary tract disease, including acute pancrealitis. Opioids like oxycodone may cause increases in the serum amylase lev

Tolerance and Physical Dependence loterance in the next for increasing doses of opioids to mointain a delined effect such as analysis in (in the absence of disease progression or other external backers). Physical dependence is manifested by withframed symptoms after abrupt discontinuation of a drug or upon administration of an antaigenest. Physical dependence and foliarance are not the mental restrictions or withframed.

urusual regiral primare opione inergy. The opional assiminence or withdrawal syndrome is characterized by some or all of the following: restlessuess, lacrima-tion, filterorines, yearing, presipation, chills impaligie, and myditasis. Other symptoms also may develop, including initiality, anusely, because port pain, secheres, soborerial crargus, instormia, nausea, anoreiza, vioritina, diar-rinea, or increased flood pressure, cospisatory rate, or liveral responsability, and companies opionals should not be adruptly discontinued (see DOSAGE AND ADMINISTRATION: Cessation of Therems).

on for Patients/Caregivers

- Information for Patients/Caregivers
 It clinically advisable, patients receiving the Continuous processors to the Caregiver of the Caregivers and the Caregivers of the Caregiver of the Caregiver
- Women of childbearing potential who become, or see planning to become, pregnant should be arivised to con-sull their physician reparting the effects of analyssics and other drug use during pregnancy on themselves and their unborn child.
- Patients should be advised that OxyContin is a potential drug of abuse. They should protect it from theft, and it should never be given to anyone other than the individual for whom it was prescribed.
- should need or grown to anytine other man the individual for whom it was prescribed.

 9. Patients should be advised that they may pass emply matrix "phosis" (labdets) wa coloistomy or in the shoot, and that this is of no concern since the active medication has already been absorbed.
- use into so on govern since me active mexicauri has areany deen absorbed.

 O'Allens Shoulb e advised that if they have been receiving recurrent with On-Contin for more than a few weeks and cessation of threaty is sincluded, it may be appropriate to layer the On-Contin dose, rather than aboutly discontinue it, due to the risk of proceipitating withdrawal symptoms. Their physician can provide a dose schedule of accomplish a gradual discontinuation of the medication.
- to accomplish a granular discontinuitation of the microcalium.

 11. Palents should be instructed to keep (byContin in a secure place and of the reach of children. When UnyContin is no longer needed, the unused labeles should be desiroyed by Rushing down the foilet.

as no longer neason, no utusest sames should be destroyed by husbring down the toiler.

We in Dring and Lichobel Addiction
DryCordin is an opticit with no approved use in the management of addictive disorders. Its proper usage in individuals with drug or alcohol dependence, either active or in remission, is for the management of pain requiring optical.

Drug-Drug Interactions

breyoning interactions.

Opening analysis, including DyContin, may enhance the neuromicidar blocking action of steletal musicine resuarks and produce an increased degree of resultativy depression.

Oycodone is relabilitied in part to immerplation via cyrictionize P450 206. While this publishing may be obsciled
by a variety of drugs (i.g., certain cardinoscolate drugs including amoutanors and openindes as well as pulphryckic antidepressaries, such blockade has not yet been shown to be of chinical significance with this agent. Clinicians should
be aware of this possible infectation however.

be award or this possible interaction. Indiversel

Described The Support of the United The Support of the United The United The Support of the United The United The Support of the United The Support o

has been observed but cardion in the use of any opinion aptients taking this class of drugs is appropriate. Cartinogenesis, Mudagenesis, Impairment of Fartithy Studies of environment or studies in a cartinogenic potential have not been conducted Opyrodione was not intraspent on the following assays. Arrest Sakinoncital and E. coli less with and without metapoli in a shadion at doses of up to 1000 pyrint and with activation del hours after exposure at doses of up to 5000 pyrint and in the niver both entrainer introductions sets in mice lighternal tested only of 48 pyrint). Opyrodion was cut-togens on the harmest hymphopic chromosomal assays in the preserve of metabotic activation in the furnar chromosomal destination set of the present than or equal to 120 pyring 1 at 24 but not 48 thours of consister and in the mouse flym phonous assay at doses of 50 pyrint, or greater with metabotic activation and at 400 pyrint, or greater without meta-toric activation.

Done demonstrate. Preparatory

of Demonstrated for rise in women during a di immediately urior to labor and riservey bucasso orial is not recommended for rise in women during a di immediately urior to labor and riservey bucasso orial or Cause respiratory depression airufor well-drawol symptoms, either at hirth and/or in the nursery.

nitations of deycodone have been detected in breast milk. Withdrawal symptoms can occur in bro ing infants when maternal administration of an opinit analgeric is slopped. Ordinarily, nursing should not be unaken white a patient is receiving OxyContin because of the possibility of scration and/or resonatory degrees. the intart

effectiveness of PhyContin Tuve not been established in pediatric patients below the age of 18. It must bered that OnyContin Tablets cannot be crushed at divided for administration.

In controlled phermicolonicies, surfices in electry subjects (sprater than 65 years) the clearance of naycodure appread to be slightly intelled. Compared to year) adults, the placars concentrations of supcodure were increased appreciated by the place of the place o In controlled pharmacokinetic studies in elderly subjects (greater than 65 years) the clearance of daycodone appeared

other agents was corpress requirement. Laboratory Machinering.

Due to the broad range of plasma concentrations seen in clinical populations, the waying degrees of pain, and the development of loterance plasma degradore measurements are associar and neptratin clinical management. Plasma concentrations of the active drug substance may be of value in selected, insusal or complex cases.

Hepatic Impairment A study of OxyCortin in patients with hepatic imp A study of DayContin in patients with liepatic impairment indicates greater plasma concentrations than those with nor mal function. The initiation of therapy at 1/3 to 1/2 the usual doses and careful dose litration is warranted.

its with renal impairment, as evidenced by decreased creatinine clearance (\sim 60 mL/min), the conc potients with renal impainment, as evidenced by decreased creativine clearance (*; 60 mt/min), the coinc divigorance in the plasma are approximately 50% higher their in subjects with normal renal function. D in should follow a conservative approach. Dosages should be adjusted according to the crinical situation.

sention unresects in the properties of the properties demonstrate to lo 25% higher average plasma concentialors an in pharmocinistic studies, opioid-always cereatis than males, even alto adjustment for body weight. The clinical rel owner of a difference of this magnitudes is low for a dray sented for choract suppart and instruktive disospers, and there was no mate/lemate difference detected for efficiety or animeter events in clinical intals.

ADVERSE REACTIONS

Authorities Practions

The safety of Options was evaluated in double-bland clinical trads involving 713 patients with moderate to server pain of service disologies, in open sheet studies of cancer pain. 187 patients received Options in load daily dissess ranning from 20 mg to 641 mg per day. The average that daily does approximately 105 mg per day. Serious adverse reactions which may be associated with Options' (one-protein philosophies) controlled release) blade therapy in chinical use as those observed with other opiond analysists; including respiratory depression, agreed, and do na revent second respect secondary depression, improved in propiet opinid size directs. These entits are dose-dependent and their frequency deports upon the dose, the clinical setting, the patient's level of opioid and entitle, and host becomes specific to the incidinal life by hound the expected and managed as a unit of quoted manages. The road bequery (1-5%) include constitution, neuseral somewholes.

us motion, swearing, and asserting in many cases the dependry of these events during initiation of therapy may be minimized by careful individualiza-tion of starting desage, slow litration, and the avoidance of large swings in the plasma concentrations of the opiniod. Many of these advices events will cease or decrease in minerally as OnyCoulain therapy is continued and some degree

Connect has comparing Div/Curlum with immediate-release oxycontone and placebo revealed a similar gitnesse even pinhlic between Div/Curlum and immediate-release oxycontone. The most common adverse events (+5%) reported by patients at least once during therapy were:

	OxyContin (n = 227) (%)	Immediate Release (n=225) (%)	Placebo (n :: 45) (%)
Constipation	23	26	
Nausea	23	27	
Sormolence	23	24	11
Duzmess	13	-	4
runtus	13	16	9
iomiliaa	12	12	2
leadache		34	7
ky Mouth	<i>'</i>	8	7
	6	7	2
shenia	6	7	•
wealing	5	6	•
he lollowing adverse	experiences were reported in	OxyContin-treated patients wit	h an incidence between 1

and 5%, in describing across experiences were reported in DryContin-feeder patients with an incidence between 1% and 5%, in describing order of requirecy they were ancreaid, nervirousness, insominal lever, confusion diarrhea abdomitted pain dispepsio, rash, axidely, euphoria, dispusae, postural hypotension, chilis, benching, gustinis abdomitted deams, flowyful abnormalities, and hiccups.

The following adverse reactions occurred in less than 1% of patients involved in clinical trials or were reported

In positions and population.

General accident injury, chest pain, local edema, malaise, neck pain pain

Cardiovascular: migraine, syncope, vasodilation. ST depression

Digestive: dysafagia eructation, flatilience, gastrointestinal disorder, increased appetite, nausea and vorniting.

emic and Lymphatic: lymphadenopath

Metabolic and Nutritional: dehydration, edema, hyponatremia, peripheral edema, syndrome of inappropriate

Bust annomal gual algulation annossu depersonalization, depression, emotional lability, hallucination, hyper-a, hypersthesia, hypotenia, malaise, paresthesia, seizues, speech disorder, stupor, linnius, tromor, verif-midiawal syntitoric with or without seizues.

Respiratory: cough increased, pharyngitis, voice alteration Skiln: dry skin, extoliative dermalitis, urticaria

Special Senses: abnormal vision, laste perversion

Urogenital: amenoritiea, decreased libido, dysoria, hematuria, impotence, polyuria, urinary retention imparion

OVERDOSAGE

Acute overdosago with oxycoldane can be manifested by respiratory diginession, surmotence progressing to stu-por or consulsabilitation musicle flaccivity, colid and clammy skin, constricted pupils, badycardia, hypotension, an Deaths due to overdose nove r

reported with abuse and misuse of OxyContin, by ingesting, inhalling, or inject

Drafts due to overdose have been reported with abusen and missine of DoyContin, by imposting, inhalling, or nijecting the crushed tablets. Renew of case reports last indicated that the risk of Istal overdose is writter increased when OnyContin is abused concurrently with alcohol or other CNS depressants, including other opiositis in the teatment of orycontine operations, primary attention should be given to the risk resistation of a pastern among and institution of assisted or controlled vernistion. Supporter measures (including opigen and resourcessars) should be employed in the management of circulating subschind pulmorary external accompanying overdose as indicated. Cardiac arries or arrightnians may require cardiac massage or delibritation. The pure opioid anagements such as including on all indicates as specific antibes against respiratory depression from opioid overhose. Opioid analogorists should not be administered in the absence of clinically significant respiratory or circulatory of repressions occurry to composite reviews of opioid algorist including OryContini, an abrupt or complete reviews of opioid effects may precipitate an acute absolutement synthetic. The soverity of the withdrawall syndrome produced will depend on the degree of physically dependent analogorist administration. Please see the prescribing information to the special dependence and the often of the analogorist administration. Please see the prescribing information to the specialic querial analogorist for details of their proper use.

DOSAGE AND ADMINISTRATION

General Principles
Onchoesin is An OPIOID AGONIST AND A SCHEDULE II CONTROLLED SUBSTANCE WITH AN ABUSE
LUBBILITY SIMPLAR TO MORPHINE. OXYCODONE, LIKE MORPHINE AND OTHER OPPOIDS USED IN AMALGESIA, CAN BE ABUSED AND IS SUBJECT TO CRIMINAL DIVERSION.

TABLET A BEEF AND SEED AND IS SUBJECT TO CRIMINAL DIVERSION.

GESIA, CAM DE ABUSEU AND IS SUBJECT I U CHRIMINAL JUTENSIUM.

O'CONTINÉ (OSCODIONE POPICO-ROMO CONTINUES TRABLETS ARE TO BE SWALLOWED WHOLE, AND ARE NOT TO BE BROKEN, CHEWED OR CRUSHED TAKING BROKEN, CHEWED OR CRUSHED OF

Or Our Constitution 160 mg tablet is comparable to two 80 mg tablets when takes on an empty size With a high tail meat, however, there is a 25% greater peak plasma concentration following on mg tablet. Distart caution should be taken when patients are initially distance to 150 mg tablet OSAGE AND ADMINISTRATION).

Determine the numerous materials, in technical part systematically. Therapy should also be regularly reviewed in technic pain it is wital to assess the patient's own reports of pain and side effects and the health professional's clinical.

On/Contin tablets are a controlled-refease and formulation of oxycodone hydrochloride indicated for the near agencied of moderate to severe pain when a continuous, around the-clock analgesic is needed for an extende period of time. The controlled-refease nature of the formulation allows OxyContin to be electricely administed every 12 hours (see CLINICAL PHARMACOLOGY; PHARMACOKINETICS AND METADOLISM), While promoteries were proposed to the proposed of the every 12 hours (see CLINICAL PHARIMACOLLOSY, PHARIMACOLOXIFETCS AND METABOLISM). What-symmetric Came does AM and Ph.) around the-clock, q 12 h dosing is appropriate for the majority of plantics some patients may benefit from asymmetric different dose given in AM havin. Phily dosing, tableted to their pain patient. It is usually appropriate to treat a patient with only one opioid for around the-clock therapy. Physicians should individualite terational using a progressive plant of pain imagement such as outlined by the World Health Organization. The American Pain Society and the Federation of State Medical Boards Model Condelines Health Care publishmost Should follow appropriate pain management principles of careful assessi-ment and ongoing monitoring (See BOXED WARNINGS).

Here dies organis measures pro-desibble of Therapy

Bis critical to miliate the design regimen for each patient individually, taking into account the patient's prior opi-oid and non-opinid analgesic to statement. Alteri

- (2) the daily dose, polency, and indicate sense in the patient,
 (3) the reliability of the conversion estimate used to calculate the dose of oxycotione
 (4) the patient's opioid exposure and opioid tolerance (if any):

(9) are juverns upone report operation and project towards (1 any):

(5) special startly states associated with conversion to theyContin doses at or exceeding 160 mg q12h (see Special Instructions for OxyContin 80 mg and 160 mg Tablets); and

(6) The balance between pain control and atheres experiences.

Cas should be latent to use flow initial indees of OxyContin in patients who are not already opioid loterant, especially those who are receiving concurrent treatment with muscle releasants, seedaines, or other CNS active medications (see PRECAUTIONS; Origi-Origi Interactions)

For initiation of DayContin therapy (or palients previously failing opioids, the conversion ratios from Foley KM [NEJM 1985, 313-84-95], found below, are a reasonable starting point, although not visitled in well-controlled.

Experience indicates a reasonable starting dose of OxyContin for patients who are taking and recurre continuous atomic the clock through for a nethodo period of time is 10 mg qt 2h. It a non-opious artalgesic is being provided, it may be continued. OxyContin should be individually filtrated to a dose that pro-vides adequate analgesia and minimizes sade effects.

- I Using standard conversion ratio estimates (see Fable 4 below), multiply the mydday of the previous opioids by the appropriate multiplication factors to obtain the equivalent total daily dose of oral oxycodone. When converting from oxycodone, divide the 24 hour unycodone dose in tall to obtain the twice a day (or12h) dose of Oxycorotin.
- Round down to a dose which is appropriate for the tablet strengths available (10 mg, 20 mg, 40 mg, 80 mg, and 160 mg tablets).
- tue all other around-the clock opioid drugs when OxyContin therapy is initialed
- 5. No fixed conversion ratio is shely to be salislactory in all patients, especially patients reteiving large opioid doses. The recommended doses shown in Table 4 arc only a starting point, and close observation and frequent flatation are indicated until patients are staffled on the new thorus.

Table 4

Multiplication Factors for Converting the Daily Dese of Prior Opioids to the Daily (Mg/Day Prior Opioid x Factor = Mg/Day Oral Oxyconone) ids to the Daily Dose of Oral Oxycodone*

	Oral Prior Opioid	Parenteral Princ Opinio		
Oxyconone	1	and and an an appear		
Codeine	0.15			
Flydrocadure	0.9			
Hydromosphone	4	20		
Leverphanol	7.5	15		
Mependine	0.1	0.4		
Methadone	1.5	3		
Morphine	0.5	3		

conversion to oral expectations. For patients receiving high-dose parenteral opioids, a more ion is warranted. For example, for high-dose parenteral morphine, use 1.5 instead of 3 as a

In all cases, supplemental analyssia (see below) should be made available in the form of a suitable short-act-

In all cases, supplemental arrangement (who works), and cases of non-opioid analysis and analysis and unity arrangement (and works). One Contine can be safely used concomitantly with usual doses of non-opioid analysis and analysis and units provided care is latent to select a proper initial dose (see PRECAUTIONS).

Conversion from Trendermal Fendary to OnyContine
Eighteen hours following the removal of the transfermal fendary) patch. OnyContine treatment can be initialled. Although there has been no systematic assessment of such conversion: a consensative onycodone dose, approximately 10 mg (17 ho 10/porcins, should be initially substituted for each 25 µg/h tentary) transfermal patch. The patient should be followed closely for early litration, as there is very limited clinical experience with this conversion.

with his conversion.

Managing Expected Opioid Adverse Experiencee

Most patients receiving opioids, especially those who are opioid naive, will experience side effects. Frequently the
side effects from Ory-Comitia are transient, but may require creduation and management. Adverse events such as conside effects from the articipated and trader adoptessively and prophylatically with a stimulant laratine and/or scoll
contents. Plaints do not usually become lobrant to the consimpting effects of opioids.

Section 1 along to the customy occurre beleand to the conscipating effects of opicids.

Other opicini-related side effects such as section and rausea are usually sent-in-mited and often on not persist heyond the first lew days. Il masses persists and is unacceptable to the patient, treatment with anti-emetics or other modal-niles may relieve these symptoms and should be considered.

measury renew meas anymounts and shauld be compared.

Patients receiving OnyContin may pass an intact nights? in the stoot or wa colostony. These ghosts contain little or no residual devictions and are of no clinical consequence.

Itilité or no residual oprocione and are oi no clinical consequence.

Individualistation de Desage.

Once therapy is initiated, pain reifet and other oproid effects should be kequently assessed. Patients should be intraded to adequate effect (generally mid or to pain with the regular use of no more than two doese of supplemental analysis per 24 hours). Patients who coperiones beakhough a namar pur copuse dosage adjustment or rescue nediciation. Because steady-state plasma concentrations are approximated within 24 to 35 hours, obsage adjustment or rescue nediciation. Because steady-state plasma concentrations are approximated within 24 to 35 hours, obsage adjustment or rescue nediciation. Because steady-state plasma concentrations are approximated within 24 to 35 hours, obsage adjustment may be carried out every 1 to 2 days. It is made approximate to morease the q 12h dose, not the dose in the increase from 10 mg to 20 mg q 12h. the load dairy oxycorone dose usually can be increased by 25%.

to 50% of the current dose at each increase.

If signs of eucosave opioid related adverse experiences are observed, the next dose may be reduced, if this adjustment least in inadequate randges a supplemental dose of immediate-release expectors may be given Alternatively, non-opioid analysis of adjustment should be made to obtain an appropriate balance between pain relief and opioid-related adverse experiences.

an appropriate towards comment pain return and opure-retated anverse experiences.
It is significant adverse events occur before the therapetic goal of mild or no pain is achieved, the events should be freated aggressively. Once adverse events are under control, upward thration should continue to an acceptable found of mild and adverse events are under control, upward thration should continue to an acceptable found of mild.

advances to paint townin.

Charling periods of changing analysis organizations, including initial filtration, liegizent contact is recommended hetween physician, other members of the healthcare team, the patient and the caregiver/family.

Special instructions for OxyContin 80 mg and 160 mg Tablets (For use in opicid-tolerant patients only)

(for use in opioid-leberant patients only)
OryComis 80 mg and 150 mg 7 abitst are for use only in opioid-lolerant patients requiring daily
codean equirintent docupes of 150 mg or more for the 30 mg tablet and 200 mg or more for the
mg tablet. Care should be tablean in the prescribing oil these tablet strengths. Patients should be insist
of against set by individuals other than the patient for whom it was prescribed, as such inappropul
use may have severe medical consequences, including death.

Contin 160 mg label is comparate to two 80 mg labets when taken no an amply stomach. Nigh fal meal, however, there is a 25% greater peak plasma concentration following one 160 et. Dietary caution should be taken when patients are initially litrated to 160 mg tablets. rotal Analoosis

Supplemental Adalgema definition of the Adalgema release medication available for exacerbations of pain or to prevent pain that occurs predictably during certain

incident pain) ice of Therapy

Mathemanece or inercepy
The riend of the initiation period is to establish a palient-specific q12h dose that will maintain adequate analge-sia with accoptable side effects for as long as pain reflet is necessary. Should pain recur then the dose can be incrementally increased to re-establish pain control. The method of therapy adjustinent outlined above should be

employed to re-examinate pain comion.

During chonic liberapy, especially for non-caricer pain syndromes, the continued need for around the-clock opi-ord therapy should be reassessed periodically (e.g., every 6 to 12 months) as appropriate. Cessation of Therapy

When the patient no foreger requires therapy with OxyContin tabless, doses should be tapered gradually to prewhich the pentian in orange requires mercally with cosyclonium rapies, doses s work signs and symptoms of withdrawal in the physically dependent patient Conversion from OxyContin to Parenteral Opioids
To avoid overdose, conservative dose conversion ratios should be followed.

SAFETY AND HANDLING

SAFETY AND HANDLING
Optionally cognodian HCL controlled -release) lablets are solid disage lorins that contain disycodone which
is a controlled substance. Like morphine, disycodone is controlled under Schedule if of the Controlled
Substances Act On/Contin his been largeled to fire that diversion by criminals. Healthcare professionals schould
contact their Siller Professional Licensing Board or Siller Controlled Substances Authority for information on
how to prevent and detect abuse or diversion of this product.

On/Contin* (corrodone hydrochloride controlled-release) 10 mg lablets are round, unscored, white colored, con-vers lablets braming the symbol OC on one side and 10 on the other. They are supplied as follows: NDC 59911-100-10- Chuld resistant losaire opaque persists follottes of 100 NDC 59911-100-125. until dose packaging with 25 individually numbered lablets per card, one card per glue and carlon.

ont cash).

On-Crossin' (negrodone hydrochloride controlled release) 20 mg lablets are round, unscored, pick colored, conNDE 5001 bearing the symbol OC on one size and 20 m the other. They are supplied as follows.

NDE 5001 in 03-25 unit dose packaging with 25 individually numbered tablets per card, one card per glue
one of carbon.

and cation

OyContin' (oycodone hydrochloride controlled-release) 40 mg labiets are round, unscored, yetion-colored, convex tablets bearing the symbol OC on one side and 40 on the other. They are supplied as follows

NIC 5901: 105-10, child-resistant closure, opaque plastic bottles of 100

NIC 5901: 105-25, unit dose packaging with 25 individually numbered labiets per card; one card per glue

critic acritic.

On/Coolin* (onycodone hyrorochioride controlled-release) 80 mg ublets are round, unaccored, green-colored, convex tables bearing the symbol CC on one side, and 80 nn the other. They are supplied as follows:

NDC 59011-107-101, utilid-restanted issues, equave, better, bottlers of 100-101, NDC 10011-107-101, unit-acritical most convex.

NDC 59011-107-25 unit dose packaging with 25 individually numbered labelets per card, one card per glue.

ent canno.

OnyContin' (oxycodose hydrochloride controlled release) 150 mg tablets are caplet-shaped, unscored, blue col-ored. Conwix blobes bearing the symbol OC on one side and 150 on the other. They are supplied as follows.

NDC 59011-109-10 childre-stearing Colaver, opsaque public bottlers of 100

NDC 59011-109-25 unit dose packaging with 25 individually numbered tablets per card, one card per glue

Sione at 25 C (77.F), excursions permitted between 15 -30 C (59 -86.F)
Dispense in light-light-resistant container.
Healthcare professionals can elephone Purdue Pharma s Medical Services (hepathreni !1-888-726-7535) for

CAUTION DEA Order Form Required.

Purdue Pharma L.P. Stamford, CT 06901-3431

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U.S. Patent Numbers 4.861,598; 4.970,075; 5.266,331; 5.508,042; 5,549,912; and 5,656,295 0100367-811 00P010